



Areg expression in clusters		Cluster	0	1	2	3	4	5
Control			-	+	-	-	-	-
Bleomycin-injected (Bleo14)			-	-	+	+	-	-

### Supplementary data 4- A summary of single cell RNAseq analyses.

**A** shows distribution of cell clusters in control and bleomycin-treated mouse skin.

**B** summarizes *Areg* expression in different cell clusters. Cluster 0 contains macrophages and monocytes. Cluster 1 contains keratinocytes. Cluster 2 contains immune cells and endothelial cells. Cluster 3 contains fibroblasts (and myofibroblasts). Cluster 4 contains NK cells and T cells. Cluster 5 contains dendritic cells. *Areg* is expressed in cluster 1 in the control skin and in clusters 2 and 3 in bleomycin-treated skin tissues.